

S E C R E T

IN 32355

TOR: 31/1752Z JAN 69 DES

S E C R E T 311736Z JAN 69 CITE 9939

PRIORITY

IDEALIST SWAP SHOP XI

REF: A. 8447 (OUT 56107) - *attached*

B. 330 (IN 31754) - *attached*

LOX ABORT CRITERIA AND ADF RECOMMENDATIONS OUTLINED IN REF A
WILL APPLY FOR SWAP SHOP XI.

END OF MSG

CO	✓
STAGE	✓
HOME	✓
DB	✓
ADM	
COM	
FIN	
PERS	
LS	✓
MAT	✓
DELTA	
LAC	
SPE	
SUP	
TR	
CPS	✓
FP	✓
WX	
SEC	✓

25X1A

JOINT MESSAGEFORM Approved For Release 2002/06/24 : CIA-RDP99B00048R000100090003-6				RESERVED FOR COMMUNICATION CENTER																																					
SECURITY CLASSIFICATION SECRET				10 JAN 69 17 43																																					
TYPE MSG	BOOK	MULTI	SINGLE																																						
			X																																						
PRECEDENCE																																									
ACTION		PRIORITY																																							
INFO				DTG																																					
<p>FROM: 8447</p> <p>TO: </p> <p>IDEALIST SWAP SHOP X</p> <p>FOR </p> <p>SUBJECT: RECAP FOR SWAP SHOP X <i>For U-2 R's</i></p> <p>1. LOX: PROPOSE FOLLOWING EXCEPT FOR LOX TEST ARTICLES.</p> <p>A. REPLACE NEW LOX VALVES WITH OLD LOX VALVES. REASON - IT APPEARS THAT NEW VALVES MAY NOT BE BUILT TO PROPER SPECS.</p> <p>B. USE VENT INSTEAD OF BUILD-UP PROCEDURES. COMMENT: THIS WILL PROBABLY BE TEMPORARY AS MOST PEOPLE DO NOT APPROVE, BUT IT WORKS BETTER FOR SAC.</p> <p>C. SERVICE 4 - 6 HOURS PRIOR TAKE OFF. (MAY REDUCE THIS</p> <p>D. HOT PURGE AT LEAST EVERY 25 SERVICINGS.</p> <p>E. CONTINUE ABOVE UNTIL LAC DEVELOPES NEW AND PROVEN SYSTEM.</p> <p>2. ABORT CRITERIA SHOULD BE:</p> <p>A. LOX LOW PRESSURE SYMPTOMS: PRESS ON WITH TRANSIENT LOW PRESSURE EXCURSIONS. SHOULD THESE EXCURSIONS BECOME</p>				<p>SPECIAL INSTRUCTIONS</p> <p><i>ops D</i></p> <p><i>PR B</i></p> <p><i>Dim</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>CO</td><td><input checked="" type="checkbox"/></td></tr> <tr><td>STAGE</td><td><input checked="" type="checkbox"/></td></tr> <tr><td>HOME</td><td><input checked="" type="checkbox"/></td></tr> <tr><td>DS</td><td><input type="checkbox"/></td></tr> <tr><td>ADM</td><td><input type="checkbox"/></td></tr> <tr><td>COM</td><td><input type="checkbox"/></td></tr> <tr><td>FIN</td><td><input type="checkbox"/></td></tr> <tr><td>PERS</td><td><input type="checkbox"/></td></tr> <tr><td>LS</td><td><input checked="" type="checkbox"/></td></tr> <tr><td>MAT</td><td><input checked="" type="checkbox"/></td></tr> <tr><td>DELTA</td><td><input type="checkbox"/></td></tr> <tr><td>LAC</td><td><input type="checkbox"/></td></tr> <tr><td>SUP</td><td><input checked="" type="checkbox"/></td></tr> <tr><td>TR</td><td><input type="checkbox"/></td></tr> <tr><td>OPS</td><td><input checked="" type="checkbox"/></td></tr> <tr><td>FP</td><td><input type="checkbox"/></td></tr> <tr><td>WX</td><td><input type="checkbox"/></td></tr> <tr><td>SEC</td><td><input checked="" type="checkbox"/></td></tr> </table> <p>DATE 10 TIME 0900L</p> <p>MONTH JAN YEAR 1969</p> <p>PAGE NO. 1 NO. OF PAGES 3</p>		CO	<input checked="" type="checkbox"/>	STAGE	<input checked="" type="checkbox"/>	HOME	<input checked="" type="checkbox"/>	DS	<input type="checkbox"/>	ADM	<input type="checkbox"/>	COM	<input type="checkbox"/>	FIN	<input type="checkbox"/>	PERS	<input type="checkbox"/>	LS	<input checked="" type="checkbox"/>	MAT	<input checked="" type="checkbox"/>	DELTA	<input type="checkbox"/>	LAC	<input type="checkbox"/>	SUP	<input checked="" type="checkbox"/>	TR	<input type="checkbox"/>	OPS	<input checked="" type="checkbox"/>	FP	<input type="checkbox"/>	WX	<input type="checkbox"/>	SEC	<input checked="" type="checkbox"/>
CO	<input checked="" type="checkbox"/>																																								
STAGE	<input checked="" type="checkbox"/>																																								
HOME	<input checked="" type="checkbox"/>																																								
DS	<input type="checkbox"/>																																								
ADM	<input type="checkbox"/>																																								
COM	<input type="checkbox"/>																																								
FIN	<input type="checkbox"/>																																								
PERS	<input type="checkbox"/>																																								
LS	<input checked="" type="checkbox"/>																																								
MAT	<input checked="" type="checkbox"/>																																								
DELTA	<input type="checkbox"/>																																								
LAC	<input type="checkbox"/>																																								
SUP	<input checked="" type="checkbox"/>																																								
TR	<input type="checkbox"/>																																								
OPS	<input checked="" type="checkbox"/>																																								
FP	<input type="checkbox"/>																																								
WX	<input type="checkbox"/>																																								
SEC	<input checked="" type="checkbox"/>																																								
<p>DRAFTER</p> <p>TYPED NAME AND TITLE</p> <p> </p>		<p>PHONE</p> <p> </p>		<p>RELEASER</p> <p>SIGNATURE</p> <p> </p> <p>TYPED (or stamped)</p> <p> </p>																																					
SECURITY CLASSIFICATION SECRET		REGRADING INSTRUCTIONS																																							
DD FORM 1 NOV. 63 173		GP-1		USAF, Commander 25X1A																																					

DD FORM 1 NOV. 63 **173**

REPLACES EDITION OF 1 MAY 55 WHICH MAY BE USED

U.S. GOVERNMENT PRINTING OFFICE: GPO: 1966: 221-211

PRECEDENCE	RELEASED BY	DRAFTED BY	PHONE
ACTION	<input type="text"/>	Same	<input type="text"/>
INFO			

EXCESSIVE (3 PER HOUR) THE PILOT WILL DESCEND TO 45,000 PLUS OR MINUS 2,000. IF PRESSURE DROPS TO ZERO AND STAYS, PILOT DESCENDS TO 45,000 PLUS OR MINUS 2,000. IN EITHER CASE SHOULD THIS TAKE PLACE PRIOR TO HALF WAY POINT, ^{Pilot} ~~WE~~ RETURN TO DEPARTURE POINT. IF THIS HAPPENS AFTER HALF WAY POINT, ~~WE~~ ³⁰⁰ PRESS ON AT 45,000 PLUS OR MINUS 2,000.

B. BOTH LOX SYSTEMS MALFUNCTION: IN THIS CASE PILOT DESCENDS (MAX DESCENT PROCEDURES FROM CRUISE ALT, OR NORMAL DESCENT ~~PROCEDURES~~ FROM 45,000) TO APPROX 20,000 (CABIN ALT APPROX 10,000) AND PROCEEDS NEAREST DIVERSION FIELD.

3. HIGH PRESSURE SYMPTOMS; SHOULD PILOT NOTE A PRESSURE BUILD UP TO EXTENT HE CONSIDERS LIKELY TO LOSE PRESSURE, HE CONTINUES TO PRESS ON UNTIL THE SYSTEM QUANTITY DROPS TO TWO LITERS, HE THEN DESCENDS TO 45,000 PLUS OR MINUS 2,000. IF THIS HAPPENS PRIOR TO HALF WAY POINT, PILOT RETURNS TO DEPARTURE POINT. IF IT HAPPENS AFTER HALF WAY POINT, PILOT PRESSES ON.

4. AUTO PILOT EXCELLENT FOR FERRY, BUT NEEDS IMPROVEMENT FOR FLIGHT LINE WORK.

5. H.F. FIXES LOOKS VERY GOOD ON THE GROUND. NINETY PERCENT CERTAIN THAT WE ARE OKEY HERE.

6. ADF PROBLEMS NOT SOLVED. ADF NOT A SWAP-SHOP X FERRY REQUIRE-
MENT AS IT WOULD BE IN SOME AREAS OF THE WORLD. REQUEST ☐ WAIVE
THIS ITEM AS AN ABORT ITEM FOR SWAP SHOP X. LAC CAN CONTINUE WITH

25X1A

CONTROL NO.	TOR/TOD	PAGE NO.	NO. OF PAGES	MESSAGE IDENTIFICATION	INITIALS
		2	3		

SECURITY CLASSIFICATION	REGRAIDING INSTRUCTIONS
SECRET	

ABBREVIATED MESSAGFORM
Approved For Release 2002/06/24 : CIA-RDP99B00048R000100090003-6
and 7b CONTINUATION SHEET

SECURITY CLASSIFICATION

~~SECRET~~ SECRET

25X1A

PRECEDENCE

RELEASED BY

DRAFTED BY

PHONE

ACTION

PRIORITY

INFO

Same

FOLLOW-ON WORK AFTER DELIVERY OF 057.

7. SUMMARY: ALTHOUGH 057 IS NOT IN AS GOOD CONDITION AS I WOULD
LIKE, RECOMMEND THAT WE PROCEED WITH SWAP SHOP X AS PLANNED. THE
ABORT PLAN NOTED ABOVE IS CALCULATED AND IS CONSIDERED SAFE.

END OF MSG

CONTROL NO.

TOR/TOD

PAGE
NO.

NO. OF
PAGES

MESSAGE IDENTIFICATION

INITIALS

3

3

SECURITY CLASSIFICATION

REGRADING INSTRUCTIONS

~~SECRET~~

Approved For Release 2002/06/24 : CIA-RDP99B00048R000100090003-6

DD

FORM
1 NOV 63

173-1

REPLACES EDITION OF 1 MAY 55 WHICH MAY BE USED.

CO	✓
STAGE	✓
HOME	✓
DS	
ADM	
COM	
FIN	
PLDS	
LS	✓
MAT	✓
DELTA	
LAC	
SPE	
SUP	
TR	
OPS	✓
FP	✓
WL	
SEC	✓

SECRET

IN: 31754

TOR 10/2211Z JAN 69 EFM

25X1A

SECRET 102156Z JAN 69 CITE 9330

25X1A

PRIORITY

25X1A

IDEALIST SWAP SHOP X

FOR

REF: 8447 (OUT 56107)

25X1A

CONCUR IN YOUR RECOMMENDATIONS CONCERNING LOX,
ABORT CRITERIA AND ADF. LOOKING FORWARD TO ARRIVAL EDWARDS
MONDAY MORNING.

END OF MSG

IN 31754

SECRET